



Laserowe systemy bezpieczeństwa S300 Mini Standard, Laser scanner

S32B-0011BA



Nazwa modelu > **S32B-0011BA**

Numer części > **1058000**



At a glance

- Very compact design
- 1 m protective field range
- 270° scan angle
- 1 field set
- Selectable resolution for hand, leg or body detection
- Contour as reference for vertical applications
- Integrated external device monitoring (EDM)
- Easy-to-configure fields and functions

Your benefits

- Simple integration due to ultracompact design
- Easy installation, commissioning and maintenance for stationary and mobile applications
- Unbeatable cost-effectiveness - 270° scan angle allows complete application protection with only two scanners
- Safety engineering - with no loss of productivity
- Decades of proven safety technology guarantee maximum reliability and availability – even under difficult conditions
- Easy to manage, reducing costs and work time
- Reduction of downtime and brake wear thanks to triple field function
- Simple alignment and safe operation in vertical mode



Zastosowania

- Zabezpieczenie obszaru niebezpiecznego (pionowe): ✓
- Zabezpieczenie dostępu (pionowe): ✓
- Zabezpieczenie obszaru niebezpiecznego (poziome): ✓

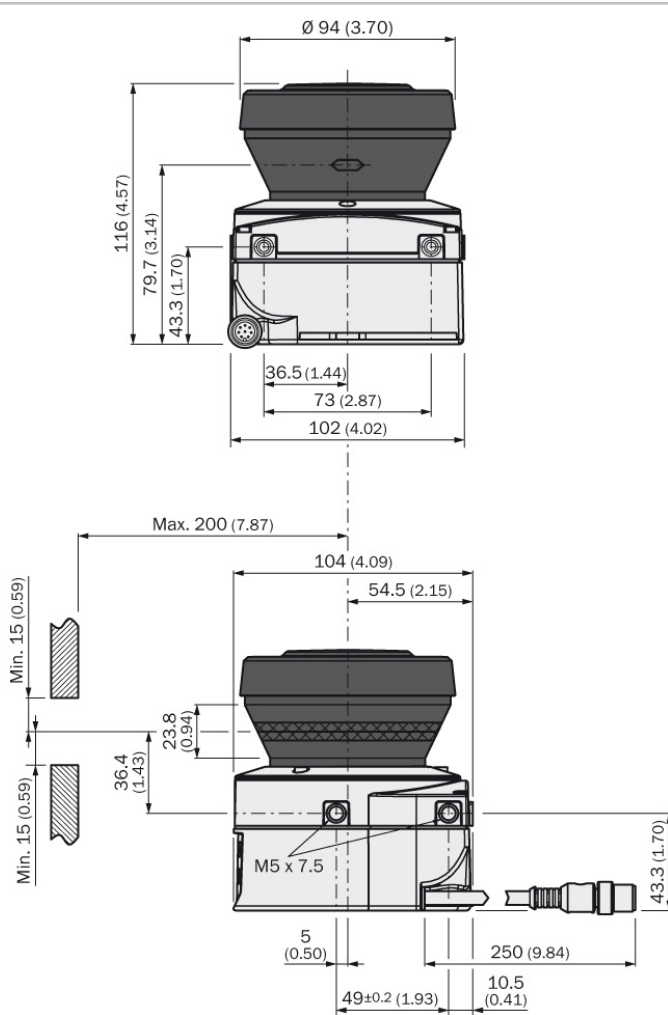
Funkcje

- | | |
|---|---|
| Static protective field switching: | - |
| Incremental encoder inputs: | - |
| Kontrola styków zewnętrznych: | ✓ |
| Integrated configuration memory: | - |
| Expanded measured data output (CMS): | - |
| Measured data output: | - |
| Safe SICK device communication via EFI/SDL: | - |

Dane techniczne

Klasa lasera:	1 (21 CFR 1040.10 and 1040.11, IEC 60825-1)
Rodzaj zabezpieczenia:	IP 65 (EN 60529)
Klasa ochronności:	III (EN 50178)
Typ:	Type 3 (IEC 61496)
Poziom bezpieczeństwa funkcjonalnego:	SIL2 (IEC 61508), SILCL2 (EN 62061)
Kategoria:	Kategoria 3 (EN ISO 13849)
Performance Level:	PL d (EN ISO 13849)
PFHd:	8,0 * 1E-08 (EN ISO 13849)
TM (Czas użytkowania):	20 a (EN ISO 13849)
Temperatura pracy:	-10 °C ... +50 °C
Wymiary (Szer. x Wys. x Głęb.):	102 mm x 116 mm x 105 mm
Ciężar:	0,8 kg, bez kabli łączących
Scan angle:	270 °
Protective field range:	1 m
Maximum warning field range:	8 m
Liczba dostępnych obszarów:	1
Type of field set:	Triple field sets
Czas reakcji:	80 ms ¹⁾
Rozdzielczość:	30 mm, 40 mm, 50 mm, 70 mm, konfigurowalny
Distance measuring range:	30 m
Number of multiple samplings:	Configurable 2 ... 16
Podłączenia elektryczne:	Cable, 250 mm, with male connector M12, 8-pin
Napięcie zasilania:	16,8 V DC, 24 V DC, 30 V DC
Number of universal I/Os:	2
Number of EDM inputs:	1 ²⁾
Number of reset-/restart inputs:	1 ³⁾
Number of stand-by inputs:	1 ⁴⁾
Liczba wyjść bezpieczeństwa:	2, Urządzenia przełączające sygnał wyjściowy (OSSD)
Number of warning field outputs:	2 ⁵⁾
Configuration and diagnostics interface:	RS-232

¹⁾ Depending on basic response time and multiple sampling ^{2) 3) 4) 5)} Availability depends on the configuration of the universal I/Os



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